

SRRTTF Technical Track Work Group

DRAFT Meeting Notes

May 1, 2013 | 1:00pm – 3:00pm

Department of Ecology

4601 North Monroe Street | Spokane, WA 99205-1295

Attendees:

Adriane Borgias, Ecology

Galen Buterbaugh, Lake Spokane Association

Aubri Denevan, Ruckelshaus Center (*on phone*)

Jeff Donovan, City of Spokane

Kelsey Gray, Ruckelshaus Center

Arianne Fernandez, Ecology

Mark Fuchs, Ecology

Ellie Key, Ecology

Doug Krapas, Inland Empire

Bud Leber, Kaiser (*on phone*)

Rob Lindsay, City of Spokane

Jacob McCann, DNR

Mike Neher, Post Falls (*on phone*)

Bruce Rawls, Spokane County

Lynn Schmidt, City of Spokane

Status Review of Limno Tech Tasks

Review of Status on LimnoTech Tasks. Adriane Borgias created a status tracker for the Limno Tech's work: See *Technical Consultant Work Tasks Status Tracker Handout*.

- Task 1: Technical Consultant Draft Work Plan, Phases 2-4 *Complete and approved by SRRTTF*
- Task 2: Data Request Memorandum *Complete and approved by SRRTTF*
- Task 3: Standard Operating Procedures *Task 3 is delayed due to late start date and Ecology delay. All or most data has been collected, with final data due date of 5/3/2013 to be sent to LT.*
- Task 4: It is underway. The project appears to be on schedule but that needs to be confirmed with LT.

No other follow up comments about Tasks 3 or 4.

Action Item: *Adriane Borgias to send the information received from EPA regarding Task 3 to Mike Neher. (DONE)*

Action Item: *Adriane Borgias to post status tracker on SRRTTF website.*

Staff/Sampling

Task 8.1: Sample Collection Personnel

- Initial discussion about who may be able to provide staff for sampling activities that will likely occur this fall recognizing that training to conduct the sample collection efforts will be required
- Initial discussion about other local resources that might be available for training and sample collection

Possible organizations that could help with sampling:

- Eastern Washington University
- Washington State University
- Spokane Community College
- Task Force participants
- Department of Ecology
- Spokane Regional Clean Air Agency
- Idaho Dept of Environmental Quality
- Spokane and Coeur d'Alene Tribes
- Avista
- Gonzaga University
- Whitworth
- Conservation Districts

Possible types of samples (samplers who have expertise)

- Air (SRCAA, Ecology)
- Water (City of Spokane, Ecology)
- Groundwater (Spokane County)
- Stormwater (City of Spokane)
- Sediments (Ecology)
- Spring water (Spokane County)

Considerations:

- The samplers would need to be qualified and receive training in the specific QAPP
- Timeframe for sampling and availability of the sampler
- If a student project, the level of competency and/or oversight needed
- Compensation (if from educational institution or private consultant)

Action Item: Rob Lindsay to discuss with SCC what a partnership might look like and report back to the TTWG at the next WG meeting, June 5.

Action Item: Arianne Fernandez to develop a checklist to be used as an "RFP" for work. Kelsey Gray, Rob Lindsay, and Lynn Schmidt to assist and report back to the TTWG at the next WG meeting, June 5.

CEREO Conference Call

At 2:00pm the Center for Environmental Research and Outreach (CEREO) joined the meeting by conference call. CEREO researchers Todd Norton, WSU; Jim Gosz, U of I; and Mike Barber, WSU joined the meeting via conference call to discuss partnership opportunities with the SRRITF. The discussion focus on what Task Force is looking for in Research requests and to learn about CEREO's research interests.

The workgroup(s) will start to look at the contacts for obtaining data and data categories. Assign individual or group to ensure that data is provided to Limno Tech in a timely fashion.

CEREO does place based research with a focus on CdA/Spokane Basin as signature areas. Urban to wildland transition areas also of interest. Other research topics:

- Algae used to decrease PCB loadings at IEP

- Public outreach and education
- RFPs that link government, industry, and universities
- Related projects, not about PCB in the areas of social science and built environment: risk and science communication to the public. How to explain complex science and health risks.
- High level work relating to risk perception and public opinion
- Dynamics of PCB: fate and transport in river system

CEREO responds to state and national RFPs. They link researchers to practical problems and can work in partnership with consultants. They worked on a large project involving nutrients and water quality in the Spokane watershed.

Mentioned by the WG to CEREO

- Aerial deposition, stormwater runoff
- Air quality models (Brian Lamb)
- Hydrologic model of river, long term forecasting and dynamics of river

Action Item: CEREO to provide a list of Spokane area projects that are current or pending (Due date: any time, before end of May)

Action Item: SRRTTF to provide CEREO with list of items from the FWG strategy (at end of May when completed).

Action Item: CEREO to review SRRTTF's list

Action Item: Aubri Denevan to do a Doodle Poll to establish a meeting date with CEREO at the end of June

Action Item: SRRTTF (TTWG) to meet with CEREO in June to discuss next steps. The TTWG would like a list of references, faculty, and universities that might be interested in working with them.

PCB Workshop

Kelsey Gray asked if the TTWG interested in putting on another PCB workshop this year—possibly late summer. Several forum topics were suggested, such as: the state of the river (including sampling methods), Atmospheric deposit, chemical action plan, data gaps, and others. It's a day, if not two, worth of topics. There was a concern that we do not have enough time or resources to do this year. It was recommended as a possible 1-day focus day for the Spokane River Forum, if it is scheduled for next year.

Action Item: Rob Lindsay to discuss with the SRF the possibility of having a 1-day PCB/Dioxin day at the next Spokane River Forum meeting, possibly in the spring.

Bio (food) Waster & Biochar Research Update

Mark Fuchs from Ecology's Waste to Resources explained the research that is going on with respect to bio (food) waste and biochar.

Action Item: APB to post BioChar report on the website as reference material.

Next Steps

Next meeting – looking at research but also following up with Limno Tech.

Upcoming Meetings:

- Next Full Task Force meeting is May 22, 2013, 9:00am – 12:30pm ****at Liberty Lake****
- The next Tech Track and Administrative work group meetings are June 5, 2013